

ABSTRACT

A system for decoding an electrical input signal includes a filter that impresses a variable gain on the portion of input signal to deemphasize a spectral region of the input signal. The
5 variable gain is set as a function of a variable gain control signal. A frequency detector generates the variable gain control signal in accordance with a frequency value wherein approximately one-half of the energy of the input signal is below the frequency value.

0989779.07034
1809/0" 3126860